

# TRAVEL TO WORK, SCHOOL AND SHOP IN THE ADELAIDE STATISTICAL DIVISION

OCTOBER 1981

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TRAVEL TO MORKS
SCHOOL AND SHOP
IN THE ADELAIDE

COTOBER 1981

If you wish to know more about these statistics, ring the Information Officer on Adelaide (08) 228 9439, or write to the Information Service, Australian Bureau of Statistics, GPO Box 2272 Adelaide 5001.

### TRAVEL TO WORK, SCHOOL AND SHOP IN THE ADELAIDE STATISTICAL DIVISION

#### SOUTH AUSTRALIA

OCTOBER 1981

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THORIES

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#### TRAVEL TO WORK, SCHOOL AND SHOP IN THE ADELAIDE STATISTICAL DIVISION

#### JUST AUSTRALIA

DETUBER 1981

#### COMPENTS

Trip time like city, distance travelled	
household structure, frequency of shopping	

#### MAIN FEATURES

In the reference week of the Survey:

- \* 14 per cent of males and 29 per cent of females who travelled to work used public transport at least once.
- \* as their main form of transport to work, 77 per cent used a motor vehicle and of these, 87 per cent were the driver.
- \* 44 per cent of students aged 13-20 years used public transport at least once to travel to school.
- \* 42 per cent of students walked to school as the main form of transport.
- \* 16 per cent of main shopping trips were made on Thursday night, and of these 92 per cent were by motor vehicle.
- \* 35 per cent of respondents who did not work or study full-time used public transport.

#### EXPLANATORY NOTES

#### INTRODUCTION

This publication contains results of a special South Australian survey conducted in October 1981 as a supplement to the Labour Force Survey to obtain information relating to travel to work, school and shop by residents within the Adelaide Statistical Division. The range of information collected includes the form of transport used, the usage of public transport and fares paid, parking fees and the length of journey in terms of both time and distance.

#### LABOUR FORCE SURVEY

The Labour Force Survey is based on a multi-stage area sample of private dwellings and in South Australia covers about one per cent of the total number of private dwellings.

Information is obtained from the occupants of selected dwellings by carefully chosen and specially trained interviewers. The Travel to Work, School and Shop Survey was conducted during the two weeks 13-25 October 1981. Interviewing did not commence on Monday 12 October as this was a public holiday.

#### SCOPE

Included in the Survey were usual residents aged 5 years and over of selected private dwellings. Visitors to selected private dwellings, and residents of special dwellings (e.g. hotels, institutions, boarding houses, etc.) were excluded from the survey and respondents living in caravan parks were included only if the caravan was their usual residence.

#### Travel to work

Questions relating to travel to work were asked of all respondents 15 years of age and over who worked 15 hours or more in the previous week, except those between the ages of 15 and 20 who attended school full-time.

#### Travel to school or place of study

School children and other persons under 60 years of age who attended an educational institution full-time the previous week were asked questions about travel to place of study. This includes those persons who worked 15 hours or more and studied full-time.

#### Other trips

Respondents 15 years of age and over who, in the previous week, neither worked 15 hours or more nor attended an educational institution full-time were asked questions on use of public transport for any other purpose.

#### Travel to shops

Questions on travel to shops were asked of one member of each household, usually the head. Information was sought only on those trips which were made for the household's major food and grocery items. Small trips made to obtain items required daily were excluded.

#### **DEFINITIONS**

The main form of transport is the one used to travel the greatest distance during the trip.

<u>Public transport</u> is defined as train, bus (both State Transport Authority and private bus lines) and tram travel. Taxis are not regarded as public transport for the purposes of this survey.

Motor vehicle includes car, utility, truck and van, but excludes taxi, motor cycle and scooter.

Motor cycle includes motor scooter.

Walk includes jog, run.

<u>Trip time</u> is the total time elapsed door-to-door. Time spent waiting for the bus, walking from the car park, etc. is included.

City refers to the area bounded by the outer edge of the parklands and including Adelaide University, SA Institute of Technology, Royal Adelaide Hospital, Adelaide High School, Hackney Bus Depot, Police Barracks, Adelaide Gaol etc. The River Torrens is the northern boundary.

<u>Worked at home or distant location</u>. This category includes people who work at home and those who work with home as their base (e.g. taxi drivers and truck drivers who park their work vehicles at home). A distant location is one which is too far to commute to each day.

<u>Studied at home</u> covers full-time correspondence students who do not physically attend an educational institution and students who missed school because of illness or other reasons.

<u>Destination of main shopping trip</u> is the place where value of food and grocery items bought is the greatest.

<u>Household</u> is a group of people in the same dwelling with communal living arrangements. There may be more than one household per dwelling.

#### Reliability of the Estimates

Since the estimates in this publication are based on information obtained from occupants of a sample of dwellings, they are subject to sampling variability; that is, they may differ from the figures that would have been produced if all dwellings had been included in the survey. One measure of the likely difference is given by the standard error, which indicates the extent to which an estimate might have varied by chance because only a sample of dwellings was included in the survey. There are about two chances in three that a sample estimate will differ by less than one standard error from the figure that would have been obtained if all dwellings had been included in the survey, and about nineteen chances in twenty that the difference will be less than two standard errors.

Another measure of sampling variability is the relative standard error which is obtained by expressing the standard error as a percentage of the estimate to which it refers. The relative standard error is a useful measure in that it provides an immediate indication of the percentage errors likely to have occurred because of sampling, and thus avoids the need to refer also to the size of the estimate.

	Travel to Worl	k or School	Travel to Shop	
	ar learnage for of	Relative	portioned of Joseph	Relative
Size of	Standard	Standard	Standard	Standard
Estimate	Error	Error	Error	Error
				SALTONOR
750	290	38.7	290	38.7
1 000	330	33.0	330	33.0
1 500	400	26.7	400	26.7
2 000	470	23.5	470	23.5
2 500	520	20.8	520	20.8
3 000	570	19.0	570	19.0
3 500	610	17.4	610	17.4
4 000	660	16.5	660	16.5
4 500	700	15.6	700	15.6
5 000	730	14.6	730	14.6
6 000	800	13.3	800	13.3
7 000	870	12.4	870	12.4
8 000	930	11.6	930	11.6
9 000	980	10.9	980	10.9
10 000	1 030	10.3	1 030	10.3
20 000	1 450	7.2	1 450	7.2
50 000	2 200	4.4	2 200	4.4
100 000	3 100	3.1	2 800	2.8
150 000	3 700	2.5	3 000	2.0
200 000	4 100	2.1	2 900	1.5
250 000	4 400	1.8	2 600	1.0

The smaller the estimate the higher is the relative standard error. Very small estimates are subject to such high relative standard errors as to detract seriously from their value for most reasonable uses. Estimates below 750, and percentages based on such estimates, have not been included in this publication. Although figures for these small components can in some cases be derived by subtraction, they should not be regarded as reliable.

#### RELATED PUBLICATIONS

Users may wish to refer to the following publications which are available on request.

#### CENTRAL OFFICE

9204.0 Journey to Work and Journey to School (Preliminary) 1974 9205.0 Journey to Work and Journey to School 1974

#### SOUTH AUSTRALIAN OFFICE

Certain additional tables showing more detail and some data items not included in this publication are available to users on request.

All publications produced by the ABS are listed in the <u>Catalogue of Publications</u> (1101.0) which is available free of charge from any ABS office.

#### SYMBOL USED

\* subject to sampling variability too high for practical use.

#### ROUNDING

Figures presented in this publication have been rounded to the nearest fifty. Discrepancies may occur between sums of the component items and totals.

J.F. WILSON
DEPUTY COMMONWEALTH STATISTICIAN
AND GOVERNMENT STATIST

Australian Bureau of Statistics
10-20 Pulteney Street
ADELAIDE SA

White SA

Repril 1982

TABLE 1 - USE OF PUBLIC TRANSPORT TO TRAVEL TO WORK : AGE GROUPS
ADELAIDE STATISTICAL DIVISION, OCTOBER 1981

Age Group		Public Transport Used (a)  Males Females Persons						ork (		ers	4	e sur	Proportion of Travellers Using Public Transport			
(Years)	Ма	les	Fema	ales	Pers	sons	Ma	ales	Fema	ales	Per	sons	Males			
	Num	ber	-		-		-				1 01 .	30113	Per cei	Females	Persons	
15-19	2	850	7	200	10	100	15	100	14	750	29	850	19.0	250	77.0	
20-24	4	200	8	450	12	650		100	24	Dee To		200	13.4	48.9	33.8	
25-29	2	600	4	550	7	200	28	950		950		900	9.1	28.7	22.9 16.0	
30-34	5	150	1	800	6	900	30	750		850		650	16.7	15.0	16.2	
35-39	3	450	2	900	6	350	25	300	12	350		650	13.7	23.6	16.9	
40-44		350	2	650	6	000	21	550	12	850	34	400	15.5	20.7	17.4	
45-49		150	2	400	3	550	18	550	9	700	28	250	6.1	25.0	12.6	
50-54		950	1	850	4	800	19	400	8	000	27	400	15.3	23,2	17.6	
55-59		750	1	800	4	500	15	800	4	750	20	550	17.2	37.5	21.9	
60-64	a 4 1	300		*	1	400	6	950		*	7	600	18.8	*	18.6	
65 and over	9 TO+ 7	*	erson	*		*	1	450		*	1	950	*	E #1	* Passeng	
Total	29	850	33	950	63	800	214	950	115	400	330	350	13.9	29.4	19.3	

- (a) Public transport used at least once during the week of the Survey as either the main or second form of transport.
- (b) Persons 15 years and over who worked 15 or more hours. Excludes 10 700 persons who work at/from home or at a distant location.

TABLE 2 - MAIN FORM OF TRANSPORT TO WORK : DISTANCE TRAVELLED

The state of the s		A	DELA	DE S	STATIS	STICA	L DIV	ISION	, OCT	OBER	1981	(a)	nite L		-		(ext	1820
the ties on a hondown soul or	Dist	tanc	e Tra	vell	ed (k	(ilom	etres	(b)										
Main Form	Le	ess	1	and	3	and	5	and	10	and	15	and	20	and				
of Transport	Thar	n 1	Unde	er 3	Und	er 5	Under	10	Under	r 15	Unde	r 20		Over	Unk	nown	T	otal
	Pers	sons			000	Mo.	-	.com	- 02	10700					4 14		ROUGH.	0.71
Public:																		
Bus		*	1	300	5	400	12	050	7	700	3	050	3	450	3	200	36	150
Train		*		*		*	1	000	2	950	1	650	4	150	1	250	11	300
Tram		*		*		*		*		*		*		*	1 40	*	1	600
Total		*	1	650	6	000	13	650	10	750	4	850	7	700	4	450	49	050
Other:	1000	000	1		100 E		080	3/2										
Motor vehicle;																		boot :
Driver	6:	250	16	950	30	350		250	33			450	37			800		600
Passenger		750	2	600	6	050		550		650	3	950	4	100	2	550		200
Motor cycle		*	1	250	1	050		600	1	800	1	650	1	100		*		250
Bicycle		*	1	650	2	750	2	250		*		*		*		*		050
Walk	5	950	2	700		*		*		*		-		*		*	9	450
Other		*		*		*	008	*	50	*		*	6	*		*		800
Total	13	950	25	400	40	600	65	100	40	950	29	400	42	750	23	100	281	300
TOTAL	13	950	27	050	46	600	78	750	51	700	34	250	50	500	27	600	330	350

<sup>(</sup>a) Excludes 10 700 persons who worked at/from home or at a distant location.

<sup>(</sup>b) Includes distance travelled on second and subsequent forms of transport.

MANY SO VALUES

## TABLE 3 - MAIN FORM OF TRANSPORT TO WORK : TIME OF DEPARTURE FROM HOME ADELAIDE STATISTICAL DIVISION, OCTOBER 1981 (a)

	Time	of [	Depart	ture f	rom h	lome				TO THE	BEST		STATE OF THE PARTY	THE REAL PROPERTY.		STOP AS		
Main Form of Transport		ight 9 am.		00 am.		0 am.		00 am.		30 am.		00 am.		00 p.m.	No	Usual		Tota
	Pers	ons												and south				
Public:																		
Bus	7	450	3	850	10	550	7	550	1	950	2	300		850		700		6 150
Train	3	100	2	100	3	350	1	550		*		*		08 5		*		1 300
Tram		*		*		*		800		*		*	0	er e		*	35.	1 600
Total	10	550	6	200	13	900	9	900	2	250	2	650	nang	950	2	450	49	9 050
Other:																		
Motor vehicle;																		
Driver	37	900	31	200	41	200	44	950	24	550	13	000	4	750	23	000	220	600
Passenger	7	650	7	250	7	400	4	750	2	600	1	100		750	1	650	33	200
Motor cycle	3	100	1	800	1	400		900		*		*		*	1	250	9	250
Bicycle	1	550	2	000	1	550	1	450		*		*		*		800	8	050
Walk	1	100	1	550	1	600	1	450	1	450	1	400		*		800	9	450
Other		*		*		*		*		*		*		ADDEDO:		*		800
Total	51	450	43	900	53	150	53	650	29	550	16	100	5	950	27	600	281	300
TOTAL	62	000	50	100	67	250	63	500	31	850	18	750	6	900	30	050	330	350

<sup>(</sup>a) Excludes 10 700 persons who worked at/from home or at a distant location.

TABLE 4 - MAIN FORM OF TRANSPORT TO WORK : TRIP TIME, ADELAIDE STATISTICAL DIVISION, OCTOBER 1981 (a) Trip Time (Minutes) (b) Main Form 90 and of Transport 1-14 15-29 30-59 60-89 Over Unknown Total Persons Public: 12 300 18 000 36 150 Bus 3 100 11 300 Train 1 500 7 050 1 900 1 000 1 600 Tram 49 050 14 100 26 050 5 000 1 000 Total 2 450 Other: Motor vehicle; 68 250 Driver 88 450 51 650 7 850 220 600 Passenger 11 250 13 100 7 250 900 33 200 Motor cycle 3 950 3 250 2 000 9 250 Bicycle 3 000 3 300 1 650 8 050 2 150 Walk 6 500 9 450 800 Other 800 Total 93 600 63 300 110 300 4 650 8 800 281 300 TOTAL 96 000 124 400 89 400 9 650 1 650 9 250 330 350

<sup>(</sup>a) Excludes 10 700 persons who worked at/from home or at a distant location.

<sup>(</sup>b) Includes time spent on second and subsequent forms of transport.

# TABLE 5 - TRIP TO WORK VIA THE CITY : DISTANCE TRAVELLED ADELAIDE STATISTICAL DIVISION, OCTOBER 1981 (b)

Distance Travelled (Kilometres)	XIV P		in City	At lever	via City	1 mages	p not via City	Tatal	
		Person			-10 0117		Total		
Less than 1							Hadadi		
1 and under 3					*		13 600	13 950	
			1 750		*		25 250	27 050	
3 and under 5			12 750		nad *		33 150	46 600	
5 and under 10			24 400		3 600		50 750	78 750	
10 and under 15			16 400		6 750		28 550	51 700	
15 and under 20			8 250		4 200		21 800	34 250	
20 and over			11 450		8 800		30 200	50 500	
Unknown			5 150		3 050		19 350	27 600	
27.2 19214		15 300	7 450	5c8 T	088 8	080 £	99X T		
Total			80 500		27 100		222 700	330 350	

<sup>(</sup>a) See page 4 for the definition of City.

TABLE 6 - PERSONS WHO DID NOT USE PUBLIC TRANSPORT TO TRAVEL TO WORK : REASON NOT USED BY ESTIMATED TRIP TIME FOR A PUBLIC TRANSPORT JOURNEY, ADELAIDE STATISTICAL DIVISION. OCTOBER 1981 (a)

TRIP TIME FOR A PUE	BLIC TRANSP	ORT JOURNEY,	ADELAIDE	STATISTICAL	DIVISION,	OCTOBER 1981	(a)
	Estimat	ed Trip Time	(Minutes	)		COOK OF ARRIVE	
					90 and		
Reason	1-14	15-29	30-59	60-89	Ov er	Unknown	Tota
	Persons						
Too inconvenient	2 400	11 300	27 700	18 800	13 800	15 750	89 800
Motor vehicle used for							
work purposes	800	3 250	8 800	6 600	4 150	17 300	40 850
Not considered	3 150	3 300	7 400	3 600	1 450	10 100	29 050
Takes too long	*	1 100	4 950	5 750	5 000	3 100	20 300
Need to transfer	*	*	2 050	3 650	1 450	1 950	9 200
Not within reasonable							
walking distance	*	*	1 200	*	800	1 300	4 400
No need	*	*	1 000	Gueston *oe	36 650 000	*	2 300
Other	900	1 900	3 950	900	750 **	1 400	9 750
Total	7 750	21 750	57 050	40 250	27 400	51 350	205 600

<sup>(</sup>a) Excludes 44 350 persons who indicated there was no service available, and a further 16 600 persons who indicated there was no service early or late enough to travel to work.

<sup>(</sup>b) Excludes 10 700 persons who worked at/from home or at a distant location.

TABLE 7 - USE OF PUBLIC TRANSPORT TO TRAVEL TO SCHOOL : AGE

tetel	913		iblic sed (	Trans	sport				otal T					The state of the s	tion of Tr Public Tra	
Age (Years)		-	lales		nales	Per	sons	N	lales	Fen	nales	Per	rsons	Males	Females	Persons
-		Nu	mber			Male								Per cer	nt	
							VALUE OF									
5			*		*	1	000	5	950	5	700	11	600	*	*	8.8
6			750		*		950	6	650	6	150	12	800	11.6	*	7.6
7			*		*	1	150	7	000	6	300	13	300	*		8.5
8			750		*	1	250		350	6	800	14	150	10.0	*	8.9
9			*	1	050	1	700	7	450	7	100	14	550	*	14.7	11.7
10		1	900		*	2	500	8	000	7	650	15	650	24.0	*	15.9
11		1	450		750	2	200	7	900	7	650	15	550	18.1	9.9	14.0
12		1	200	2	050	3	250	7	850	. 7	450	15	300	15.3	27.7	21.4
13		3	150	3	550	6	700	7	650	7	350	15	000	41.1	48.3	44.6
14		2	950	3	250	6	200	7	500	7	000	14	500	39.4	46.7	42.9
15		2	600	2	900	5	500	7	450	6	050	13	450	34.9	48.1	40.8
16		2	100	2	050	4	200	5	000	4	650	9	650	42.2	44.4	43.3
17		1	550	1	500	3	000	2	850	2	750	5	600	53.9	54.2	54.0
18-20			*		*		950	1	050		*	1	650	*	*	59.1
Total		20	800	19	800	40	600	89	600	83	200	172	800	23.2	23.8	23.5

<sup>(</sup>a) Public transport used at least once during the week of the Survey as either the main or second form of transport.

TABLE 8 - MAIN FORM OF TRANSPORT TO SCHOOL : DISTANCE TRAVELLED

ADELAIDE STATISTICAL DIVISION, OCTOBER 1981 (a)

	Dis	tanc	e Tr	avell	ed (Kila	metres) (b)	Des e	000		89809	
Main Form	L	ess	1	and	3 and	5 and	10 and	15 and	20 and	20.001	
of Transport	Tha	n 1	Und	er 3	Under 5	Under 10	Under 15	Under 20	Over	Unknown	Total
202 6 NG 3	Stu	ident:	5		CD C	nen a				107690)	TOTAL SERVICE
Public:											
Bus		750	5	150	7 850	7 500	3 000	1 000	2 300	2 350	29 850
Train		*		*	*	850	1 000	000 +	*	*	3 700
Tram		*		*	*	*	*	*	*	*	*
		001	TE.		25 01	_670_Y3	21. 190				_dets_
Total		750	5	300	8 400	8 350	3 950	1 300	2 600	2 850	33 550
Other:	to ver	17 -01	rigi	rons .	atel 70 y	trise early	ee on sev	eranti berte	of boil of	er erice freq	
Motor vehicle;	io var		rigi	rono .	atal 70 Y	thee epi va	ee on eev	enadi beta	of body or		750
Motor vehicle; Driver		*		*	•	51 650*	5 9.		of hall or	7 650	750 41 150
Motor vehicle; Driver Passenger	7	* 400	13	* 600	* 10 500	* 5 300	* 1 650 *	* 1 350 *		* 1 150	41 150
Motor vehicle; Driver	7 6 9	* 400 900	13 10	* 600 550	* 10 500 4 300	51 650*	* 1 650		*	7 650	
Motor vehicle; Driver Passenger Bicycle	7 6 9	* 400	13 10	* 600	* 10 500	5 300 1 450	* 1 650		* *	* 1 150 750	41 150 23 950
Driver Passenger Bicycle Walk	7 6 9	* 400 900 000	13 10	* 600 550	* 10 500 4 300 1 900	5 300 1 450 *	1 650 *	* 1 350 * *	:	* 1 150 750 1 500	41 150 23 950 71 850
Motor vehicle; Driver Passenger Bicycle Walk	7 6 9	* 400 900 000 *	13 10 19	* 600 550	* 10 500 4 300 1 900	5 300 1 450 *	1 650 *	* 1 350 * *	:	* 1 150 750 1 500 *	41 150 23 950 71 850

<sup>(</sup>a) Excludes 3 300 students who either studied at home, boarded at school or did not attend school.

<sup>(</sup>b) Excludes 3 300 students who either studied at home, boarded at school, or did not attend school.

<sup>(</sup>b) Includes distance travelled on second and subsequent forms of transport.

TABLE 9 - MAIN FORM OF TRANSPORT TO SCHOOL : TIME OF DEPARTURE FROM HOME

ADELAIDE STATISTICAL DIVISION, OCTOBER 1981 (a)

Main Form	Time	of De	eparture f	rom H	ome	510N, (	CTOB	ER	1981 (a)	half face	
of Transport	8.00	fore		a.m.		8.30			9.00 a.m.		
	Stude		0.29	d elli e		-8.59	a.m.		or Later	Unknown	Total
Public:											I madt seed
Bus	10	900	6 108 1	3 550							
Train		000				5	300		890*	2 1/4	29 850
Tram		*		1 550			0.*		*	01*	3 700
				*			*		*		sebru bos 0*
Total	12	000								ne s	mhau hop. 27
	-12	900	e sauch 1	5 100		5	450		1.750*	3 150*	33 550
Other:											- strangering legis
Motor vehicle;											
Driver		*		*			*		*	*	
Passenger	2	150	10	200		28	400		the definition	not a efec	750
Bicycle		*	s bebraced	1 900			350		only street to	000 E 2 200	41 150
Walk		850	2	750			500		*		23 950
Other		*		*			*		12 200*	13 600	71 850
											1 550
Total	3	750	45	950		87	950	50	850	850	139 250
TOTAL	16	650	6	050	ing 1	93	350	rei	900	850	172 800

(a) Excludes 3 300 students who either studied at home, boarded at school or did not attend school.

TABLE 10 - MAIN FORM OF TRANSPORT TO SCHOOL : TRIP TIME

151 060 1		DELAIDE STA					188 0	0		147	ash II	office of the said	3510		No. 10.
Main Form	- 11 1	p Trille (MITI	ure	5) (1	0)	-	100 E				-	ATTRA	Vis-1 W		
									60 a						
of Transport		1-14	1	5-29		31	0-59		01	er	l	Inknown	1 0 0 0	T	otal
	Stu	dents			DAILS.		ice n					7.5	apa kap	77.0	TOTAL
Public:															
Bus	5	100	10	450		10	400		3 6	50		1		29	850
Train		45 9000 * 61		*		2	250		7	50		4		3	700
Tram		*		*			*			*		*		-	*
	loss an	Code y concess	ner	SELL N	0.00	100 T	ins e	on to	00000	15 9	come	0 8 21	Highe	88	(63
Total	5	250	11	050		12	650		4 4	00		*		33	550
											1000				330
Other:															
Motor vehicle;				*			*								750
Driver			-							*		*			750
Passenger		650		100											150
Bicycle		250		050			*			*		*			950
Walk	51	850	17	050		2	650			*		*		71	850
Other		800		*			*			*		*		1	550
	DOMESTIC			-	-			City Company			- Andrews	-	-		
Total	102	900	31	600		4	150			*		*		139	250
TOTAL	108	100	42	600		16	800		4 60	00		*		172	800

<sup>(</sup>a) Excludes 3 300 students who either studied at home, boarded at school or did not attend school.

<sup>(</sup>b) Includes time spent on second and subsequent forms of transport.

TABLE 11 - TRIP TO SCHOOL VIA THE CITY (a) : DISTANCE TRAVELLED

Distance Travelled (Kilometres)	Sch	nool Located in City	Trip	via City	Trip not vi	a City	8703 ]	Total
Lester Control And Landon And Land	Stu	idents	The State of the S		128.81.00.8		Trendent 1	-10
Less than 1		*		*		53 850	64	150
1 and under 3		*		*	14 966	18 400	49	000
3 and under 5		1 050		*	goe of	25 000	26	050
5 and under 10		1 100		*	2,000	4 050	15	700
10 and under 15		1 250		1 100		3 650	6	050
15 and under 20		*		*		1 750	2	650
20 and over		*		750		1 650	2	950
Unknown		*		*		5 600	6	250
Total		5 250		3 500	16	4 000	172	800

<sup>(</sup>a) See page 4 for the definition of City.

	Frequency	of S	hoppin	g		DEL MARK	inshuta_00Z	C.Jessuf:	TEST.		
	Twice or	More	Once	per	Once	per	Once per				
Household Structure (a)	per	Week		Week	Fortn	ight	Month	Irregula	rly	T	otal
	Household	s									
One adult, without children	12	450	36	050	11	600	DE 3-00-7	6	850	67	500
One adult, with children	1	200	4	900	3	050	*		*	9	450
Two adults, without children	20	550	80	250	16	700	1 650	2 (	650	121	750
Two adults, with children Three or more adults,	8	750	38	650	8	750	9 944 3 <sup>*</sup> 8		*	57	400
without children	10	350	32	650	3	550	1165,016 *	1 8	300	48	600
Three or more adults,											
with children	6	150	18	700	2	250	*		*	27	650
Total	59	400	211	150	45	900	3 300	12 6	500	332	350

<sup>(</sup>a) An adult is a person 15 years of age and over: children 0-4 years are excluded.

<sup>(</sup>b) Excludes 3 300 students who either studied at home, boarded at school or did not attend school.

TABLE 13 - MAIN FORM OF TRANSPORT TO SHOPS : DISTANCE TRAVELLED

ADELAIDE STATISTICAL DIVISION OCTOBER 1000 ( )

	Distance	Travelled (	CAL DIVISION	, OCTOBER 19	81 (a)		
Main Form of Transport	Less Than 1 Househol	1 and Under 3	3 and Under 5	5 and Under 10	10 and Over	Unknown	Total
Public: Bus Train Tram	1 300 *	6 100	5 150 * *	2 800	850 900 *	2 800 *	19 050 1 600 *
Total	1 400	6 300	5 250	3 100	1 750	3 150	20 950
Other:  Motor vehicle Walk Bicycle Other	44 600 31 300 1 850 *	74 400 6 950 1 500	49 300 900 *	27 800 *	12 000 *	11 600 1 500 *	219 650 40 600 3 900 2 050
Total	78 050	83 300	50 800	28 250	12 200	13 600	266 250
TOTAL	79 450	89 650	56 050	31 350	13 950	16 750	287 200

<sup>(</sup>a) Includes those households that made a shopping trip in the reference week of the survey.

TABLE 14 - MAIN FORM OF TRANSPORT TO SHOPS: DAY OF WEEK TRIP WAS UNDERTAKEN
ADELAIDE STATISTICAL DIVISION, OCTOBER 1981 (a)

Main Form		Sho	pping	g Tr	ip U	nderta	aken										010	Legar L	THOM
of Transpo	rt	Mon	Fr	i . (	0)	Thur	s. N	ight	Fri.	N	ight		Sat.	Mor	ning	Oth	er	7	otal
JOIL C		Hou	seho	lds			DESIL		ucc.	-								ale i con	A 164 7
							001		UNU	4					Ray Lyn		401	ATERN	7707
Public:																			
Bus				17 2	50			900			*				*		*	19	050
Train				1 4	00			*			*				*		*	Y mid	600
Tram					*			*			*				*		*		110*
		*		9					008			-		E CALL				pett	4172
Total				18 8	50		1	000			*				*		*	20	950
8 050		2		- 19	10 1		000	-	503	100								news I	depubli
Other:																			
Motor ve	hicle		15	53 40	00		41	700		1	550			22	700		*	219	650
Walk			9	35 1	50		2	300			*			2	900		*	40	600
Bicycle				3 50	00			*			*				*		*	3	900
Other				1 50	00			81*			*				*		*	2	050
Total		035	19	93 5	50		44	200	650	1	750	084	er	26	200		*	266	250
TOTAL		30	2	12 40	00	et off	45	250	gni qqorl	2	050	o t	SHT I	26	850	hose	*	287	200

<sup>(</sup>a) Includes those households that made a shopping trip in the reference week of the Survey.

<sup>(</sup>b) During normal shopping hours.

TABLE 15 - DESTINATION OF MAIN SHOPPING TRIP : DISTANCE TRAVELLED

89 650

79 450

TOTAL

56 050

31 350 13 950

287 200

16 750

<sup>(</sup>a) Includes those households that made a shopping trip in the reference week of the Survey.

<sup>(</sup>b) These areas are defined by Department of Environment and Planning. For further information contact ABS, Adelaide.

TABLE 16 - USE OF PUBLIC TRANSPORT BY PERSONS WHO DID NOT WORK OR STUDY FULL-TIME: AGE GROUPS

ADELAIDE STATISTICAL DIVISION, OCTOBER 1981

Age Group	Public	Transport	Used (a)	Total (I	b)			tion Using Transport	
(Years)	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons
	Number						Per ce		1 01 30113
15-19	2 350	4 050	6 400	5 350	7 100	12 450	43.8	56, 9	51.3
20-24	2 250	4 700	6 900	5 850	12 900	18 750	38.2	36.4	36.9
25-29	1 250	5 250	6 500	5 950	21 150	27 100	21.2	24.7	24.0
30-34	1 150	6 000	7 100	4 100	24 150	28 250	27.5	24.8	25.2
35-39	1 200	4 400	5 600	4 200	16 750	20 950	28.6	26.3	26.8
40-44	*	5 100	5 800	2 650	12 750	15 400	*	40.0	37.6
45-49	1 000	4 250	5 300	3 950	13 950	17 900	28.3	30.6	29.5
50-54	1 500	5 250	6 750	6 050	17 150	23 200	24.6	30.7	29.1
55-59	1 950	7 950	9 900	8 050	20 500	28 550	24.3	38.7	34.7
60-64	3 350	9 900	13 250	13 050	20 650	33 700	25.8	47.9	39.4
65 and over	13 600	23 150	36 750	36 050	50 950	87 050	37.7	45.4	42.2
Total	30 300	79 950	110 250	95 250	218 000	313 250	31.8	36.7	35.2

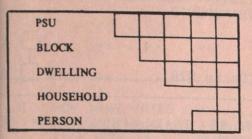
<sup>(</sup>a) Persons who used public transport at least once during the week of the survey.

<sup>(</sup>b) Persons 15 years and over who did not work, worked less than fifteen hours per week or did not study full-time.

ia) (religible those households that made a classing thin the retarests when of the Darrey's

<sup>(</sup>b) There erace are defined by Department of Challetoment and Planeing. For Suntain lateraction contact ANG. Advising.

# IN CONFIDENCE



#### Complete for age 5 to 14 only

SEX Ma	male 2
AGE	YEARS
COUNTRY OF BIRTH	right specials
Australia	🖓 01
U.K. and Ireland	02
Italy	03
Greece	🖵 04
Yugoslavia	05
Holland	🖵 06
West Germany	07
Other	
YEAR OF ARRIVAL	



#### **AUSTRALIAN BUREAU OF STATISTICS**

JOURNEY TO WORK/SCHOOL/SHOPS
OCTOBER 1981

73	Sequence Guide	76	WHEN GOES TO WORK BY (form of transport in Q75), DOES
	If aged 5-14, go to Q111  1		OF TRANSPORT?
•	If still attending school (1111 in Q8) go to Q111 2		Yes
	If worked 15 hours or more last week (in Q24D) go to		No (Go to Q78) 2
	Q75 3	77	WHAT IS THAT SECOND FORM OF
•	If 60 years of age or over, go to Q135 4		TRANSPORT?
	Otherwise, go to Q74 5		Train 01
			Bus 02
74	LAST WEEK DID		Tram 03
74	ATTEND FULL-TIME AN EDUCATIONAL		Taxi 04
	INSTITUTION?		Car - as driver 05
	Yes (go to Q111) 1		Car (not taxi) as passenger 06
	No (go to Q135) 2		Motor cycle/scooter 07
75	WHAT IS THE MAIN FORM OF TRANSPORT		Bicycle 08
	WORK LAST WEEK?		Walk 09
			Other (specify)
	Train 01		
	Bus 02		10
	Tram 03	78	Sequence Guide
	Taxi 04		If boxes 01, 02 or 03 (ie
	Car - as driver 05		public transport) ticked in Q75 or Q77, go to Q80 1
	Car (not taxi) as passenger 06		Otherwise, go to Q79 2
	Motor cycle/scooter 07		
	Bicycle 08	79	DID TRAVEL BY PUBLIC TRANSPORT TO OR FROM WORK ON ANY
	Walk 09		DAY LAST WEEK?
	Other (specify)		Yes 1
			No (go to Q88) 2
	Works at home/distant work-		
	place (go to Q109) 11		

BO HOW MANY DAYS DID	86 DID HAVE A BICYCLE WEEKLY TICKET LAST WEEK?  Yes (go to Q88)
81 HOW MANY TRIPS DID	87 HOW MUCH DID
82 FOR EACH TRIP HOW MANY BOARDINGS DID MAKE?  83 DID HAVE A WEEKLY TICKET LAST WEEK?	\$2 to less than \$3
Yes	88 Sequence Guide  If 04 (ie taxi) in Q75 or Q77, go to Q90
85 Sequence Guide  If 08 in Q75 or Q77 (ie bicycle) go to Q86 1  Otherwise go to Q88 2	94 wrisequence Guidevre  94 2 12 3 invited (Serrown  Dustriess), do to 999  1 Triblevress quinto 985  1 Invited to 999  2 Invi

90 HOW MUCH DID PAY IN TAXI FARES LAST WEEK, TRAVELLING TO OR FROM WORK?	95 WERE ANY OF FUE COSTS SUBSIDISED BY EMPLOYER?
Free/paid by employer  1	Yes
Less than \$5 2	No
\$5 to less than \$10 3	
\$10 to less than \$15 4	96 WAS PROVIDED WITH A FREE CAR PARKING SPACE AT WURK LAST WEEK?
\$15 to less than \$20 5	Yes (go to Q100) 1
\$20 or more 6	No 2
Don't know	
91 Sequence Guide	97 HOW MUCH DID PAY IN PARKING FEES LAST WEEK?
. If 05 (ie car as driver) in Q75 or Q77, go to Q92	Nil (Go to Q100) 🗍 01
therwise, go to Q100	Less than \$1
2	\$1 to less than \$2 03
92 HOW MANY DAYS DID DRIVE TO WORK LAST WEEK?	\$2 to less than \$3
(Note: include days when car was used for only part of the trip)	\$3 to less than \$4 U5
does for only part of the trip)	\$4 to less than \$5
2 T -442 4.280 at gp .activitation T 2	\$5 to less than \$10
	\$10 to less than \$15 08
93 DID USE VEHICLE FOR WORK PURPOSES LAST	\$15 to less than \$20 09
WEEK?	\$20 or more
Yes 1	Don't know
No 2	PART STREET, OF TO REAL THEE
94 Sequence Guide	98 WERE ANY OF PARKING FEES SUBSIDISED BY EMPLOYER?
• If 2 or 3 in Q20 (in own	Yes (go to Q100) 1
business), go to Q99 1	No (go to Q100) 2
• Otherwise go to Q95 2	Mr. (sp. to 400)
Morko at boso/distant nors.	
place on to their .	

		T CARALINGUE DAVERS
99	HOW MUCH DID PAY IN PARKING FEES LAST WEEK?	103 HOW LONG WOULD IT TAKE IF WENT SOLELY BY CAR TO WORK?
	Nil 01	JULIA SOLELY BY CAR TO WORK?
	Less than \$1 02	hours minutes
	\$1 to less than \$2 03	don't know 1999
	\$2 to less than \$3 04	Go to Q106
	\$3 to less than \$4 05	104 WHAT WAS THE MAIN REASON
100	\$4 to less than \$5	CHOSE NOT TO USE PUBLIC TRANSPURT (MORE OFTEN) LAST WEEK?
10	\$5 to less than \$10 07	No service at all (Go to
l lo	\$10 to less than \$15 08	Q106) Q1
100	\$15 to less than \$20 09	No service early/late enough (Go to Q106) 02
93	\$20 or more 10	Vehicle used for work
	Don't know 🗀 11	purposes
100	WHEN GOES TO WORK BY	Not considered
	(form of transport in Q75) WHAT TIME DOES LEAVE HOME?	Public transport not within reasonable walking distance 05
	1 10000 (code to ge to g	Too inconvenient 06
	hour minute	Need to transfer 07
	no usual time 9999	Takes too long 08
101	HOW LONG DOES IT TAKE	Other (specify)
	TO GET TO WORK (ON AVERAGE)?	09
	Jan Carlo Market Land Co.	105 HOW LONG WOULD/DOES IT TAKE
	hours minutes	PUBLIC TRANSPORT?
	don't know 999	MOTHETTEN TAXOTICONS WA
102	Sequence Guide	hours mins
	If boxes 01, 02 or 03 (ie	don't know 999
	public transport) ticked in Q75 or Q77, go to Q103  1	
	Otherwise, go to Q104 2	106 DID WORK IN THE CITY LAST WEEK, THAT IS WITHIN THE ADELAIDE SQUARE MILE?
		Yes (Go to Q108) ] 1
		No 2
Marie Contract		

107 DID	111 WHAT IS THE MAIN FORM OF TRANSPORT USED TO GET TO SCHOOL/UNI/COLLEGE LAST WEEK?  Train
Less than lkm (.62 miles)	Car (not taxi) - as passenger
109 Sequence Guide  If 60 years of age or over go to Q139	112 WHEN

113 WHAT IS THAT SECOND FORM OF TRANSPORT?	117 HOW MANY TRIPS DID
Train 01	FROM SCHOOL/UNI/COLLEGE LAST WEEK?
Bus 02	Total and the Olds
Tram 03	Occiervace so to 9128
Taxi 04	118 FOR EACH TRIP HOW MANY BOARDINGS
Car - as driver 05	DID MAKE?
Car (not taxi) - as passenger 06	1 Compresse dense
Motor cycle/scooter 07	119 DID USE A MONTHLY
Bicyle 08	CONCESSION TICKET LAST WEEK?
Walk 09	Yes (Go to Q123)
Other (specify) 10	NO 2
U <sup>10</sup>	120 DID USE A STUDENT
114 Sequence Guide	WEEKLY CONCESSION TICKET LAST WEEK?
. If boxes 01, 02 or 03 (ie public transport) ticked	Yes (Go to Q123) 1
in Q111 or Q113, go to Q116 1	No 2
. Otherwise, go to Q115 2	121 DID BUY A CASH FARE TICKET LAST WEEK?
115 DID TRAVEL BY PUBLIC	Took to work thee
TRANSPORT TO OR FROM SCHOOL/UN1/ COLLEGE ON ANY DAY LAST WEEK?	Yes
Yes 1	100000000000000000000000000000000000000
No (Go to Q123) 2	122 HOW MUCH DID PAY IN FARES FOR PUBLIC TRANSPORT FOR THE
116 HOW MANY DAYS DID USE	WEEK, TRAVELLING TO AND FROM SCHOOL/UNI/COLLEGE?
PUBLIC TRANSPORT TO OR FRUM SCHOOL/UNI/COLLEGE LAST WEEK?	Less than \$1 1
section of the sectio	\$1 to less than \$2 2
Box 1 Know 27 23 3	\$2 to less than \$3
132 15 SCHOOL THE COUNTY THE	\$3 to less than \$4 4
ADELATEE SCHARE SIEET	\$4 to less than \$5 5
I I was to seem of solvest	\$5 or more 6
	Don't know 7

total state of the same and the	The second secon
123 Sequence Guide	128 HOW MUCH DID PAY IN PARKING FEES, IF ANY LAST WEEK?
. If 04 (ie taxi) in Qlll or Qll3, go to Ql25 1	Nil
. Otherwise go to Q124 2	Less than \$1 02
124 DID TRAVEL TO OR FROM	\$1 to less than \$2 03
SCHOOL/UNI/COLLEGE BY TAXI ON ANY DAY LAST WEEK?	\$2 to less than \$3 04
Yes 1	\$3 to less than \$4 U5
No (Go to Q126) 2	\$4 to less than \$5 06
WASSIN TRAIN TORONS WONES ROMOS	\$5 to less than \$10 07
125 HOW MUCH DID PAY IN TAXI FARES LAST WEEK, TRAVELLING TO OR FROM SCHOOL/UNI/COLLEGE?	\$10 to less than \$15 08 \$15 to less than \$20 09
Free 1	\$20 or more 10
Less than \$5 2	don't know 🛄 11
\$5 to less than \$10 3	100 MUEN COEC TO CCHOOL /
\$10 to less than \$15 4	129 WHEN GOES TO SCHOOL/ UNI/COLLEGE BY (form of transport in Q111) WHAT TIME DOES
\$15 to less than \$20 5	LEAVE HOME?
\$20 or more 6	
don't know	hour minute
126 Sequence Guide	no usual time 9999
. If 5-15 years of age, go to Q129 1	130 HOW LONG DOES IT TAKE
. If 05 (ie car as driver) in Q111 or Q113, go to Q128 2	TO TRAVEL TO SCHOOL/DIVI/COLLEGE!
Otherwise go to Q127 3	hours minutes
127 DID DRIVE TO SCHOOL/	don't know 999
UNI/COLLEGE ON ANY DAY LAST WEEK?	131 IS SCHOOL/UNI/COLLEGE
Yes	IN THE CITY, THAT IS WITHIN THE ADELAIDE SQUARE MILE?
T	Yes (Go to Q133) ] 1
CH Common atoms	No 2

132	DID TRAVEL THROUGH THE CITY TO SCHOOL/UNI/COLLEGE?  Yes	FOR AND	IS ENTITLED TO CONCESSIONAL TRAVEL ON PUBLIC TRANSPORT AT ALL HOURS OF THE DAY?  Yes
	Less than 1km (.62 miles) 1	137	Sequence Guide
	lkm (.62 miles) to less than 3km (1.86 miles) 2	: 0	If 1 in Q135 <u>AND</u> 1 in Q136, go to Q138 1
	3km (1.86 miles) to less than 5km (3.1 miles) 3	: 0	Otherwise, go to Q139 2
	5km (3.1 miles) to less than 10km (6.2 miles) 4	THE PARTY NAMED	DID TRAVEL FREE ON PUBLIC TRANSPORT LAST WEEK?
	10km (6.2 miles) to less than 15km (9.3 miles) 5		Yes 1
	15km (9.3 miles) to less than	1 1	No 2
	20km (12.4 miles) 6	2 -	don't know
	20 km (12.4 miles) or more 7	139	Sequence Guide
	don't know 8		If this is head of household's
134	Sequence Guide		questionnaire, go to Q140
	If 15 years of age or over, go to Q139 1		If head of household is in on scope and coverage, no more questions
	Otherwise, no more questions 2	t	If this is first questionnaire being completed in household, go to Q140
135	DID USE PUBLIC TRANSPORT AT ALL LAST WEEK?		Otherwise, no more questions 4
	Yes		
	No 2		
	don't know 3		

141	THE FOLLOWING QUESTIONS RELATE TO THIS HOUSEHOLD'S SHOPPING TRIPS  HOW OFTEN IS THE SHOPPING DONE FOR THE HOUSEHOLD'S MAJOR FOOD AND GROCERY ITEMS?  Twice or more per week	144 WHY WERE THERE TRIPS TO MORE THAT ONE SHOPPING AREA?  Full range not available in one place  Like to shop for best price  Like to shop for best quality  Butcher closed Thursday night  Other (specify)  145 WHERE WAS THE (MAIN) SHOPPING TRIPTO? (Note: If more than one place, record place where value of food and grocery items bought is greatest)  City (Adelaide)  City (Adelaide)  City (Adelaide)  O1  Parabanks  O2  Tea Tree Plaza.  O3  West Lakes  O4  Marion  O5  Colonnades  Other (specify)  O6  Other (specify)
	Other (specify)	(Office use only)
142	Dojak do ma	146 HOW MANY PEOPLE FROM THIS HOUSEHOLD WENT ON THAT TRIP?
143	WERE THERE SHOPPING TRIPS TO MORE THAN ONE SHOPPING AREA LAST WEEK?  Yes	NO THE CLAR STATE OF WEIGHT OF LANDS FILE STATES OF LANDS

147	WHEN WAS THAT TRIP?	150 WHAT IS THE DISTANCE FROM HOME/
	Monday-Friday during normal trading hours 1	PLACE OF WORK/PLACE OF STUDY TO (location in Q145?)
	Thursday night 2	Less than 1km (.62 miles) . 1
	Friday night 3	lkm (.62 miles) to less than 3km (1.86 miles) 2
	Saturday morning 4	3km (1.86 miles) to less than
	Other 5	5km (3.1 miles) 3
148	THE MAIN I DIVIN OF	5km (3.1 miles) to less than 10km (6.2 miles) 4
	TRANSPORT USED TO GET THERE?	10km (6.2 miles) to less than 15km (9.3 miles) 5
	Train 1	15km (9.3 miles) to less than
	Bus 2	20km (12.4 miles) 6
	Tram 3	20 km (12.4 miles) or more 7
	Taxi 4	don't know 8
	Car 5	151 Sequence Guide
	Motor cycle/scooter 6	
	Bicycle 7	outline transport) ticked in Q148, no more questions
	Walk 8	. Otherwise, go to Q152 2
	Other (specify) 9	
		152 IS PUBLIC TRANSPORT AVAILABLE FROM HOME/WORK/PLACE OF STUDY TO
149	9 WAS THIS TRIP TO (location in Q145) MADE FROM	(location in Q145)?
	HOME ] 1	Yes (No more questions) 1
	PLACE OF WORK	No 2
	PLACE OF STUDY 3	Shops closer than public transport (No more questions) 3
	Other 4	
		153 WOULD IT BE USED TO GET THERE IF IT WERE AVAILABLE?
		Yes 1
		No 2
		No more questions

NQ319.406/ 4 Cat no.9201.4 Travel to work, school and shop in the Adelaide statistical division, October 1981.

